

HEMATOLOGICAL MALIGNANCIES RESEARCH

Varda & Boaz Dotan 5th international meeting program

08:00-08:45 Registration & Reception

08:45-09:00 Photos-Guest speakers & grant recipients

09:00-09:30 Greetings

Prof. Ariel Porat President of Tel Aviv University

Prof. Ronit Satchi-Fainaro Head, Gray School of Medical Sciences

Prof. Shai Izraeli Chair, the Varda and Boaz Dotan Research Center for Hemato-Oncology

**9:30 - 11:00 Session 1:
AI Diagnostics and Genomics**
Chairs: Yehudit Birger, Dan Dominisini

09:30-09:50 Torstern Haferlach, Munich Leukemia Laboratory (MLL) - [Diagnostics in leukemia between phenotype and artificial intelligence](#)

09:50-10:05 Noam Shomron, Gray Faculty of Medical and Health Sciences, Tel Aviv University - [AI in medical decisions](#)

10:05-10:25 Dan Landau, Division of Hematology and Medical Oncology & the Department of Physiology and Biophysics, Weill Cornell Medicine, NY - [New frontiers in somatic evolution](#)

10:25-10:40 Yuval Ebenstein, Raymond and Beverly Sackler Faculty of Exact Sciences, Tel Aviv University - [A blood-based epigenetic test for myeloid malignancies](#)

10:40-11:00 Discussion

11:00-11:30 Coffee Break

11:30 - 12:40 Session 2: Lymphoma
Chairs: Yair Herishano, Avraham Avigdor

11:30-11:50 Ari Melnik, Director of the Josep Carreras Leukaemia Research Institute, Barcelona - [Mechanisms and precision immunotherapy for immune system neoplasias](#)

11:50-12:05 Adi Zoref-Lorenz, Meir Medical Center & Gray Faculty of Medical and Health Sciences, Tel Aviv University - [Decoding hyperinflammation in lymphoma: clinical and subclinical states](#)

12:05-12:20 Anna Gurevich-Shapiro, Rabin Medical Center & Weizmann Institute of Science - [Wherever your heart is, there you will find your treasure: Single cell analysis of peripheral blood pre-treatment unveils determinants of response to CAR-T cells in DLBCL](#)

12:20-12:40 Discussion

12:40 - 14:00 Session 3: CAR-T
Chairs: Anat Globerson-Levin, Itai Benhar

12:40-12:55 Adi Barzel, Sourasky Tel Aviv Medical Center & Gorge W. Wise Faculty of Life Sciences, Tel Aviv University - [In vivo CAR T cell engineering](#)

12:55-13:10 Elad Jacoby, Sheba Medical Center & Gray Faculty of Medical and Health Sciences, Tel Aviv University - [Mechanisms of CAR-T suppression by the CNS](#)

13:10-13:30 Sarah Tasian, Hematologic Malignancies Program at Children's Hospital of Philadelphia - [Pediatric AML](#)

13:30-13:45 Eric Shifrut, Sourasky Tel Aviv Medical Center & Gorge W. Wise Faculty of Life Sciences, Tel Aviv University - [CRISPR engineering of T cell therapies](#)

13:45-14:00 Discussion

14:00-14:45 Lunch Break

14:45 - 16:00 Session 4: AML
Chairs: Ofir Wolach, Maya Koren-Michowitz

14:45-15:05 Soheil Meshinchi, Fred Hutchinson Cancer Center, Seattle - [Genomics of AML and novel therapeutic strategies](#)

15:05-15:20 Ruth Shiloh, Felsenstein Research Center, Schneider Medical Center - [Passenger variants as pan-clonal markers of AML-Implications for MRD](#)

15:20-15:40 Manel Esteller, Sant Pau Research Institute (IRSantPau), Barcelona - [Epigenetics in Hematological Malignancies: From knowledge to applications](#)

15:40-15:55 Gidi Rechavi, Sheba Medical Center & Gray Faculty of Medical and Health Sciences, Tel Aviv University - [The growing alphabet of the epitranscriptome](#)

15:55-16:15 Discussion

16:15-16:25 Discussion and Concluding Remarks - Shai Izraeli

19:30-22:30 Dinner

24.3.2026

Jaglom Hall

Tel Aviv University